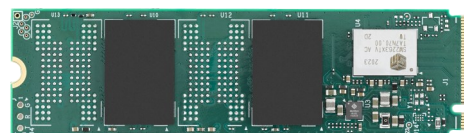


CLR Series

 | NVMe PCIe SSD

CLR-8W512

Configuration

Capacity	512 GB
Interface	NVMe PCIe Gen 3 x4
Form Factor	M.2 2280
NAND Type	KIOXIA 3D eTLC

Performance

Sequential Read/Write ¹	1,600/1,300 MB/s
4K Random Read/Write ¹	120K/165K IOPS

Reliability

Power on/off cycles	50,000
MTBF ²	>3 million hours
Warranty	3 Years

Features

ECC	LDPC Gen 3 Engine
S.M.A.R.T.	Supported
NVMe Deallocate	Supported
TCG-OPAL 2.0	Optional

Power Consumption

Idle/Active Mode	0.4 W/ 4W
Sleep Mode	5mW

Environment

Operating Temperature	0 to 70° C
Non-operating Temperature	-40 to 85° C
Power-On Ready ³	500 ms

Specifications and data are subject to change without notice. Product image is sample only. Not actual product.

¹ Based on internal testing, performance, may vary depending on host device, OS and application ²MTBF - Mean Time Between Failures based on parts stress analysis

For more information, please visit:

ssstc.com

HEADQUARTERS

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